

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
26 May 2005 (26.05.2005)

PCT

(10) International Publication Number  
**WO 2005/046714 A2**

(51) International Patent Classification<sup>7</sup>: **A61K 38/18**,  
C12N 5/10, A61P 29/00, 17/00, 1/16, C07K 19/00, 16/46,  
14/49, 14/705, C12N 15/62, 15/63

[FR/CH]; Arcs Trading S.A., Chateau de Vaumarcus,  
CH-2028 Vaumarcus (CH).

(21) International Application Number:  
PCT/GB2004/004772

(74) Agents: **GOODFELLOW**, Hugh, Robln et al.; Carp-  
maels & Ransford, 43-45 Bloomsbury Square, London  
WC1A 2RA (GB).

(22) International Filing Date:  
12 November 2004 (12.11.2004)

(81) Designated States (*unless otherwise indicated, for every  
kind of national protection available*): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0326393.6 12 November 2003 (12.11.2003) GB

(71) Applicant (*for all designated States except US*): **ARES  
TRADING S.A.** [CH/CH]; Zone Industrielle de l'Ouriet-  
taz, CH-1170 Aubonne (CH).

(84) Designated States (*unless otherwise indicated, for every  
kind of regional protection available*): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE,  
SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **FAGAN**, Richard,  
Joseph [GB/GB]; Inpharmatica Limited, 60 Charlotte  
Street, London W1T 2NU (GB). **DAVIDS**, Andrew,  
Robert [GB/GB]; Inpharmatica Limited, 60 Charlotte  
Street, London W1T 2NU (GB). **PHELPS**, Christopher,  
Benjamin [GB/GB]; Inpharmatica Limited, 60 Charlotte  
Street, London W1T 2NU (GB). **POWER**, Chris-  
tine [GB/FR]; 10, rue des Jonquilles, F-01710 Thoiry  
(FR). **BOSCHERT**, Ursula [DE/CH]; Route d'Annecy  
100C, CH-1256 Troinex (CH). **CHVATCHKO**, Yolande

**Published:**

— *without international search report and to be republished  
upon receipt of that report*

*For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.*

(54) Title: CYTOKINE ANTAGONIST MOLECULES

(57) Abstract: This invention relates to novel uses of a protein sequence (INSP052EC), herein identified as an immunoglobulin domain-containing cell surface recognition, in the diagnosis, prevention and treatment of diseases, in particular those related to the excessive expression and / or secretion of cytokines.

WO 2005/046714 A2